

Patent Abstracts of Japan

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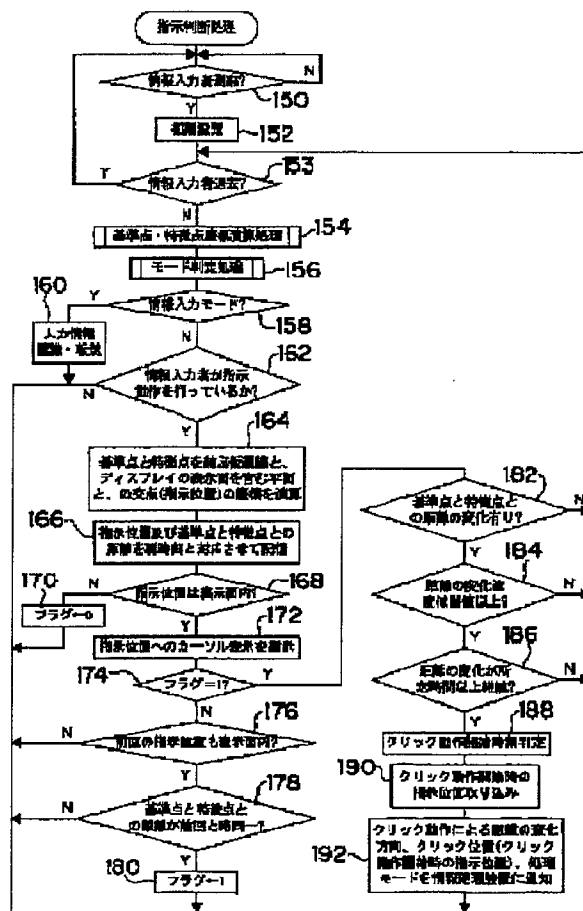
APPLICATION DATE : 06-08-98
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INVENTOR : KUZUHARA ATSUSHI;

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TITLE : HAND POINTING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To prevent the wrong decision of the pointed position or direction when a clicking operation is carried out.

SOLUTION: An information input operator who entered an information input space of a display having a large screen is photographed by plural video cameras. The three-dimensional coordinates of a reference point corresponding to the back of the operator and the tip of a finger as a feature point of the operator are calculated (154). The position that is pointed by the operator on a display and the distance set between the reference and feature points are repetitively stored in accordance with the current time (166) if the operator pointed the display side (Yes of 162). If it's decided that the operator performed a clicking operation to quickly move forward or backward his hand (Yes of 182 to 186), the starting time of the clicking operation is decided, the position pointed when the clicking operation is started is fetched and the processing corresponding to the pointed position is carried out by an information processor (188 to 192).

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